Author Index

Alcalde, P., see Ventura, R. 647(1993)203

Alexander, J.N., IV and Quinn, C.J.
Organic acid analysis by ion chromatography–particle beam mass spectrometry 647(1993)95

Arpino, P.J., see Sadoun, F. 647(1993)351

Bagheri, H., Brouwer, E.R., Ghijsen, R.T. and Brinkman, U.A.Th.
On-line low-level screening of polar pesticides in drinking and surface waters by liquid chromatography–thermospray mass spectrometry 647(1993)121

Baiocchi, C., see Da Col, R. 647(1993)289

Barceló, D., Durand, G. and Vreeken, R.J.
Determination of quaternary amine pesticides by thermospray mass spectrometry 647(1993)271

Bean, K., see Hopfgartner, G. 647(1993)51

Bertrand, M.J., see Gagné, J.P. 647(1993)13

Bertrand, M.J., see Gagné, J.P. 647(1993)21

Biancone, L., see Silvestro, L. 647(1993)261

Brinkman, U.A.Th., see Bagheri, H. 647(1993)121

Brinkman, U.A.Th., see Geerdink, R.B. 647(1993)329

Brouwer, E.R., see Bagheri, H. 647(1993)121

Bruggink, C., see Niessen, W.M.A. 647(1993)319

Bruins, A.P., see Kostiainen, R. 647(1993)361

Camussi, G., see Silvestro, L. 647(1993)261

Careri, M., Mangia, A., Manini, P., Predieri, G., Raverdino, V., Tsoupras, G. and Sappa, E.
Particle beam liquid chromatography–mass spectrometry behaviour of polynuclear metal carbonyl compounds 647(1993)79

Carrier, A., see Gagné, J.P. 647(1993)13

Carrier, A., see Gagné, J.P. 647(1993)21

Cedro, A., see Da Col, R. 647(1993)289

Da Col, R., Silvestro, L., Naggi, A., Torri, G., Baiocchi, C., Moltrasio, D., Cedro, A. and Viano, I.
Characterization of the chemical structure of sulphated glycosaminoglycans after enzymatic digestion. Application of liquid chromatography–mass spectrometry with an atmospheric pressure interface 647(1993)289

Da Col, R., see Silvestro, L. 647(1993)261

De Boer, J., see Genuit, W.J.L. 647(1993)73

De Koster, C.G., see Van Dongen, W.D. 647(1993)301

Devaux, P., see Legrand, R. 647(1993)3

Duchateau, A.L.L., see Van Leuken, R.G.J. 647(1993)131

Durand, G., see Barceló, D. 647(1993)271

Ekeberg, D., see Jablonska, A. 647(1993)341

Esmans, E.L., see Lemière, F. 647(1993)211

Falconnet, J.-B., see Legrand, R. 647(1993)3

Franssen, E.J.F., see Kostiainen, R. 647(1993)361

Gagné, J.P., Carrier, A., Varfalvy, L. and Bertrand, M.J.
Evaluation of the performance of capillary liquid chromatography–fast atom bombardment mass spectrometry systems with precolumn addition of glycerol as a viscous matrix 647(1993)13

Gagné, J.P., Carrier, A., Varfalvy, L. and Bertrand, M.J.
Origin of the decrease in chromatographic resolution induced by the addition of viscous matrices in liquid chromatographic–fast atom bombardment mass spectrometric systems 647(1993)21

Geerdink, R.B., Kienhuis, P.G.M. and Brinkman, U.A.Th.
Fast screening method for eight phenoxyacid herbicides and bentazone in water. Optimization procedures for flow-injection analysis–thermospray tandem mass spectrometry 647(1993)329

Genuit, W.J.L. and De Boer, J.
Applications of dual-beam thermospray liquid chromatography–mass spectrometry 647(1993)73

Ghijsen, R.T., see Bagheri, H. 647(1993)121

Grossi, P., see Rossato, P. 647(1993)155

Guarini, A., Guglielmetti, G. and Po, R.
Application of liquid chromatography–thermospray mass spectrometry to the analysis of polyester oligomers 647(1993)311

Guglielmetti, G., see Guarini, A. 647(1993)311

Hansen, M., see Jablonska, A. 647(1993)341

Haverkamp, J., see Van Dongen, W.D. 647(1993)301

Heerma, W., see Van Dongen, W.D. 647(1993)301

Henion, J., see Hopfgartner, G. 647(1993)51

Henry, R., see Hopfgartner, G. 647(1993)51

Hillenkamp, F., see Van Veelen, P.A. 647(1993)367

Hopfgartner, G., Bean, K., Henion, J. and Henry, R.
Ion spray mass spectrometric detection for liquid chromatography: a concentration- or a mass-flow-sensitive device? 647(1993)51

Hostettmann, K., see Maillard, M.P. 647(1993)137

Hostettmann, K., see Maillard, M.P. 647(1993)147

Hostettmann, K., see Wolfender, J.L. 647(1993)183

Hostettmann, K., see Wolfender, J.L. 647(1993)191

Hugener, M., Tinke, A.P., Niessen, W.M.A., Tjaden, U.R. and Van der Greef, J.
Pseudo-electrochromatography–negative-ion electrospray mass spectrometry of aromatic glucuronides and food colours 647(1993)375

Ingendoh, A., see Van Veelen, P.A. 647(1993)367

Jablonska, A., Hansen, M., Ekeberg, D. and Lundanes, E.
Determination of chlorinated pesticides by capillary supercritical fluid chromatography–mass spectrometry with positive- and negative-ion detection 647(1993)341

Karlsson, K.-E.
Deuterium oxide as a reagent for the modification of mass spectra in electrospray microcolumn liquid chromatography–mass spectrometry 647(1993)31

Kienhuis, P.G.M.
Radiofrequency-only daughter scan mode to provide more spectral information in liquid chromatography–thermospray tandem mass spectrometry 647(1993)39

Kienhuis, P.G.M., see Geerdink, R.B. 647(1993)329

Koivisto, P., see Kostiainen, R. 647(1993)91

Kostiainen, R., Franssen, E.J.F. and Bruins, A.P.
Capillary zone electrophoresis–ionspray mass spectrometry of a synthetic drug–protein conjugate mixture 647(1993)361

Kostiainen, R., Koivisto, P. and Peltonen, K.
Characterization of the products formed in the reaction between 1,3-butadienemonoxide and 2′-deoxyadenosine by liquid chromatography–continuous-flow fast atom bombardment mass spectrometry 647(1993)91

Kwakkenbos, G.T.C., see Van Leuken, R.G.J. 647(1993)131
Legrand, R., Falconnet, J.-B., Prevost, D., Schoot, B. and Devaux, P.
Peptide mapping of recombinant human interferon-γ by reversed-phase liquid chromatography with on-line identification by thermospray mass spectrometry and UV absorption spectrometry 647(1993)3
Lemière, F., Esmans, E.L., Van Dongen, W., Van den Eeckhout, E. and Van Onckelen, H.
Evaluation of liquid chromatography–thermospray mass spectrometry in the determination of some phenylglycidyl ether–2′-deoxynucleoside adducts 647(1993)211
Levsen, K., see Volmer, D. 647(1993)235
Libertucci, D., see Silvestro, L. 647(1993)261
Lundanes, E., see Jablonska, A. 647(1993)341
Maillard, M.P. and Hostettmann, K.
Determination of saponins in crude plant extracts by liquid chromatography–thermospray mass spectrometry 647(1993)137
Maillard, M.P., Wolfender, J.-L. and Hostettmann, K.
Use of liquid chromatography–thermospray mass spectrometry in phytochemical analysis of crude plant extracts 647(1993)147
Maillard, M., see Wolfender, J.L. 647(1993)183
Mangia, A., see Careri, M. 647(1993)79
Manini, P., see Careri, M. 647(1993)79
McCarney, C.C., see Niessen, W.M.A. 647(1993)107
Moltrasio, D., see Da Col, R. 647(1993)289
Moult, P.E.G., see Niessen, W.M.A. 647(1993)107
Nadal, T., see Ventura, R. 647(1993)203
Naggi, A., see Da Col, R. 647(1993)289
Niessen, W.M.A., Van der Hoeven, R.A.M., Van der Greef, J., Schols, H.A., Voragen, A.G.J. and Bruggink, C.
Recent progress in high-performance anion-exchange chromatography–thermospray mass spectrometry of oligosaccharides 647(1993)319
Niessen, W.M.A., see Hugener, M. 647(1993)375
Niessen, W.M.A., see Tinke, A.P. 647(1993)63
Niessen, W.M.A., see Tinke, A.P. 647(1993)279
Niessen, W.M.A., McCarney, C.C., Moult, P.E.G., Tjaden, U.R. and Van der Greef, J.
Liquid chromatography–mass spectrometry for the identification of minor components in benzothiazole derivatives 647(1993)107
Peltonen, K., see Kostiainen, R. 647(1993)91
Po, R., see Guarini, A. 647(1993)311
Predieri, G., see Careri, M. 647(1993)79
Preiss, A., see Volmer, D. 647(1993)235
Prevost, D., see Legrand, R. 647(1993)3
Quinn, C.J., see Alexander, J.N., IV 647(1993)95
Raverdino, V., see Careri, M. 647(1993)79
Rossato, P., Scandola, M. and Grossi, P.
Investigation into lacidipine and related metabolites by high-performance liquid chromatography–mass spectrometry 647(1993)155
Sadoun, F., Virelizier, H. and Arpino, P.J.
Packed-column supercritical fluid chromatography coupled with electrospray ionization mass spectrometry 647(1993)351
Sappa, E., see Careri, M. 647(1993)79
Scandola, M., see Rossato, P. 647(1993)155
Scappaticci, E., see Silvestro, L. 647(1993)261
Schols, H.A., see Niessen, W.M.A. 647(1993)319
Schols, H.A., see Tinke, A.P. 647(1993)279
Schoot, B., see Legrand, R. 647(1993)3
Schröder, H.F.
Surfactants: non-biodegradable, significant pollutants in sewage treatment plant effluents. Separation, identification and quantification by liquid chromatography, flow-injection analysis–mass spectrometry and tandem mass spectrometry 647(1993)219
Segura, J., see Ventura, R. 647(1993)203
Silvestro, L., Da Col, R., Scappaticci, E., Libertucci, D., Biancone, L. and Camussi, G.
Development of a high-performance liquid chromatographic–mass spectrometric technique, with an ionspray interface, for the determination of platelet-activating factor (PAF) and lyso-PAF in biological samples 647(1993)261
Silvestro, L., see Da Col, R. 647(1993)289
Straub, R.F. and Voyksner, R.D.
Determination of penicillin G, ampicillin, amoxicillin, cloxacillin and cephapirin by high-performance liquid chromatography–electrospray mass spectrometry 647(1993)167
Tiller, P.R.
Application of particle-beam mass spectrometry to drugs. An examination of the parameters affecting sensitivity 647(1993)101
Tinke, A.P., Van der Hoeven, R.A.M., Niessen, W.M.A., Tjaden, U.R. and Van der Greef, J.
New ionization strategies in particle-beam liquid chromatography–mass spectrometry based on the principle of surface ionization 647(1993)63
Tinke, A.P., see Hugener, M. 647(1993)375
Tinke, A.P., Van der Hoeven, R.A.M., Niessen, W.M.A., Van der Greef, J., Vincken, J.-P. and Schols, H.A.
Electrospray mass spectrometry of neutral and acidic oligosaccharides: methylated cyclodextrins and identification of unknowns derived from fruit material 647(1993)279
Tjaden, U.R., see Hugener, M. 647(1993)375
Tjaden, U.R., see Niessen, W.M.A. 647(1993)107
Tjaden, U.R., see Tinke, A.P. 647(1993)63
Tjaden, U.R., see Van Veelen, P.A. 647(1993)367
Torri, G., see Da Col, R. 647(1993)289
Tsoupras, G., see Careri, M. 647(1993)79
Van den Eeckhout, E., see Lemière, F. 647(1993)211
Van der Greef, J.
Foreword 647(1993)1
Van der Greef, J., see Hugener, M. 647(1993)375
Van der Greef, J., see Niessen, W.M.A. 647(1993)107
Van der Greef, J., see Niessen, W.M.A. 647(1993)319
Van der Greef, J., see Tinke, A.P. 647(1993)63
Van der Greef, J., see Tinke, A.P. 647(1993)279
Van der Greef, J., see Van Veelen, P.A. 647(1993)367
Van der Hoeven, R.A.M., see Niessen, W.M.A. 647(1993)319
Van der Hoeven, R.A.M., see Tinke, A.P. 647(1993)63
Van der Hoeven, R.A.M., see Tinke, A.P. 647(1993)279

Van Dongen, W.D., Versluis, C., Van Wassenaar, P.D., De Koster, C.G., Heerma, W. and Haverkamp, J. Rapid analysis of enzymatic digests of a bacterial protease of the subtilisin type and a "bio-engineered" variant by high-performance liquid chromatography–frit fast atom bombardment mass spectrometry 647(1993)301
Van Dongen, W., see Lemière, F. 647(1993)211
Van Leuken, R.G.J., Kwakkenbos, G.T.C. and Duchateau, A.L.L. Volatile ion-pairing agents for liquid chromatographic–thermospray mass spectrometric determination of amino acids and amino acid amides 647(1993)131
Van Onckelen, H., see Lemière, F. 647(1993)211
Van Veelen, P.A., Tjaden, U.R., Van der Greef, J., Ingendoh, A. and Hillenkamp, F. Off-line coupling of capillary electrophoresis with matrix-assisted laser desorption mass spectrometry 647(1993)367
Van Wassenaar, P.D., see Van Dongen, W.D. 647(1993)301
Varfalvy, L., see Gagné, J.P. 647(1993)13
Varfalvy, L., see Gagné, J.P. 647(1993)21
Ventura, R., Nadal, T., Alcalde, P. and Segura, J. Determination of mesocarb metabolites by high-performance liquid chromatography with UV detection and with mass spectrometry using a particle-beam interface 647(1993)203
Versluis, C., see Van Dongen, W.D. 647(1993)301
Viano, I., see Da Col, R. 647(1993)289
Vincken, J.-P., see Tinke, A.P. 647(1993)279
Virelizier, H., see Sadoun, F. 647(1993)351
Volmer, D., Preiss, A., Levsen, K. and Wünsch, G. Thermospray mass spectral studies of pesticides. Temperature and salt concentration effects on the ion abundances in thermospray mass spectra 647(1993)235
Voragen, A.G.J., see Niessen, W.M.A. 647(1993)319
Voyksner, R.D., see Straub, R.F. 647(1993)167
Vreeken, R.J., see Barceló, D. 647(1993)271
Wolfender, J.L. and Hostettmann, K. Liquid chromatographic–UV detection and liquid chromatographic–thermospray mass spectrometric analysis of *Chironia* (Gentianaceae) species. A rapid method for the screening of polyphenols in crude plant extracts 647(1993)191
Wolfender, J.L., Maillard, M. and Hostettmann, K. Thermospray liquid chromatographic–mass spectrometric analysis of crude plant extracts containing phenolic and terpene glycosides 647(1993)183
Wolfender, J.-L., see Maillard, M.P. 647(1993)147
Wünsch, G., see Volmer, D. 647(1993)235